

FOLIO

THE UNIVERSITY OF ALBERTA STAFF BULLETIN

EDMONTON, ALBERTA

NOVEMBER 6, 1975

PUBLIC HEARING: MANAGEMENT ADVISORY INSTITUTE

The following notice has been received from the office of the Senate:

In its role as the liaison between the University and the public, the Senate of the University of Alberta will be conducting a public hearing into the establishment by the Faculty of Business Administration and Commerce of a Management Advisory Institute to:

1. disseminate and share current knowledge with the wider management community, and
2. develop the management consulting industry's capability to serve Alberta business, and
3. serve in a consulting capacity on specific direct assignments.

The hearing will be held at 2 p.m., November 13, 1975 in the Jasper Room of the Macdonald Hotel.

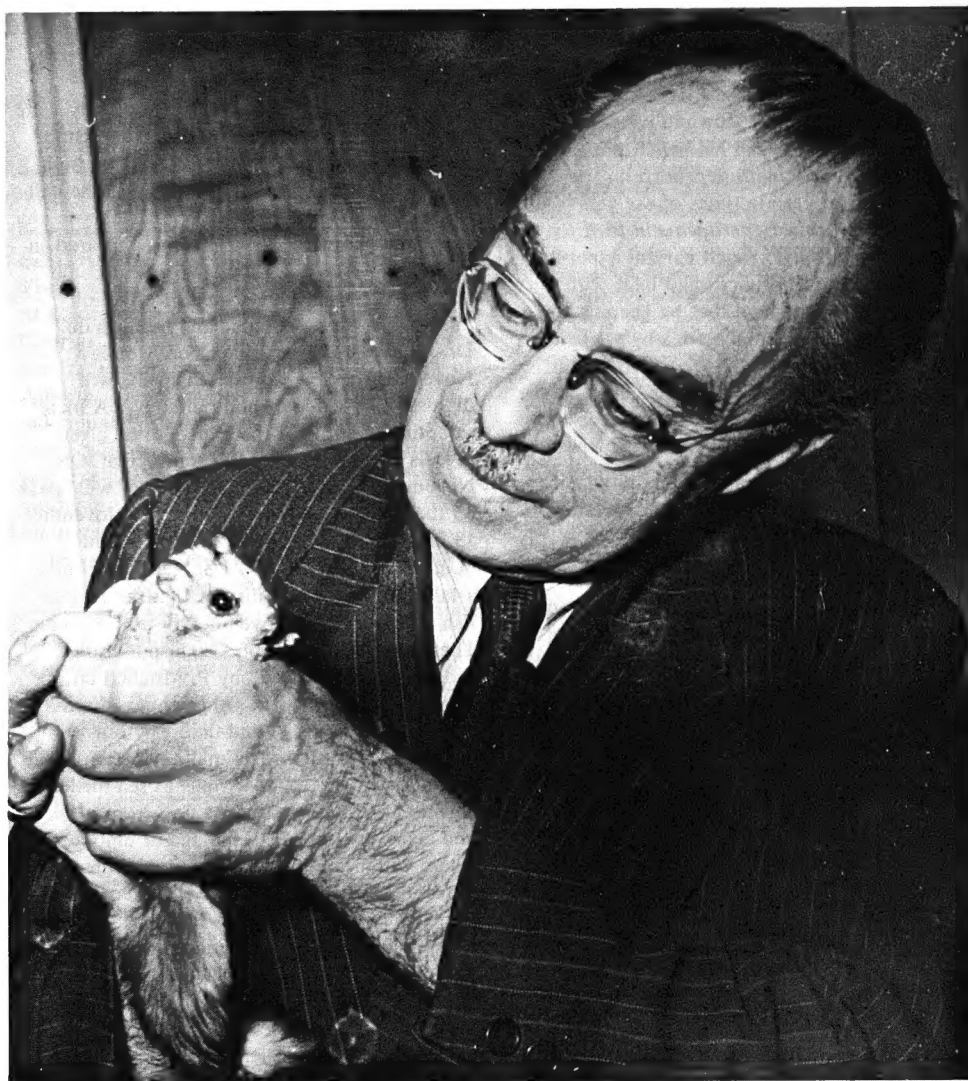
Any interested member of the public is invited to attend.

The order of business will be as follows:

- A. Presentation of general University policy on consulting—Dr. H. Gunning, President.
- B. Presentation of the position of the Faculty of Business Administration and Commerce with respect to the Management Advisory Institute—Dean E.J. Chambers.
- C. Representation from those who have made submissions and who wish to amend or elaborate on their submission.
- D. Opportunity will be given for other interested parties to make brief representation.
- E. An opportunity will be given for faculty representatives to reply to questions raised during the hearing.

The following hearing procedures will be adopted:

1. The Chairman of the hearing will be Mr. E. Lewis, Q.C.
2. All presentations will be directed to the Committee. Anyone making a presentation who has a question which is pertinent to the matter under consideration can ask the question through the Senate Committee.
3. The Committee members may then ask any questions they may have, or questions that may have come forward under Item 2 above at the conclusion of each presentation.



William Rowan, the First Chairman of the Department of Zoology, and friend

WILLIAM ROWAN

The Department of Zoology has designated this term the "Rowan Memorial Term" in honor of the first Chairman of the Department, William Rowan (1891-1957). This year marks the fiftieth anniversary of Professor Rowan's first published article on the "Relation of light to bird migration and developmental changes" in *Nature*; zoologists at the University will be

taking a new look at the field which William Rowan initiated: the effects of light on animal life.

Rowan's experiments centered around the interrelationships between migration of birds, reproductive behavior, and environmental factors. Until Rowan began his pioneering work, it was generally thought that the migration of birds was dependent upon the changing

temperatures acting as environmental cues which caused various internal and physiological changes in the birds prompting them to migrate. These internal and physiological changes were mainly in the reproductive organs, and it was thought that they were affected by the changing temperatures.

Rowan began experiments with Juncos (*Junco hyemalis*) which are sparrows fairly common to this region. He was convinced of the fact that migration had something to do with a "hormone produced by the gonads at certain seasons"; where Rowan diverged from the common view was in his belief that the "condition of the gonads depended on the length of day at certain times of the year—not temperature" [from *Experiments in Bird Migration*, p. 156]. Through careful experiments first with the Juncos and later with crows, Dr. Rowan found that by keeping constant (and even lengthening) by artificial means the amount of light the experimental group of birds was exposed to, he could induce the growth and development of the birds' gonads to an extent similar to the growth and development found in spring and summer. He conducted his experiments in his back yard during Edmonton winters; the development of the gonads could only be attributed to the influence of the light. As Rowan reported, "temperatures persistently below zero did not inhibit the recrudescence of the gonads" but "variations in day-length, artificially produced, affected the organs very decisively" [p. 157].

As part of the experiments, Rowan released his birds, both experimentals and controls, in mid-winter: the birds which had been exposed to more light and had undergone increased

development of their reproductive organs evidently decided that it was spring and began to fly north despite the cold weather and adverse conditions for mating and nesting. These and later experiments were sufficient to prove that Rowan's belief in the importance of light as an environmental factor was correct.

Beginning on November 10, the Department is hosting a commemorative symposium entitled "Light and animal life" which will honor the field which Rowan helped to initiate. The papers to be delivered cover an extremely wide range in the field of photobiology. As Jean Lauber, Associate Professor of Zoology and organizer of the symposium, says, "In the call for papers, I told people they could choose any topic as long as the word 'light' appeared in the title—it was amazing what people came up with. Light has some kind of effect on almost everything animals and humans do." Dr. Lauber will give a paper on Monday, November 10 at 4 p.m. in which she will discuss "The scope of photobiology." A mere sampling of some of the papers to be given reveals that the scope is certainly great. On November 12 at 4 p.m., D.D. Beatty will speak on the "Biochemistry of vision"; on November 13 at 4:20 p.m., L. Wang will talk about "Light and hibernation"; J.S. Nelson will give a talk on "The possibility of light effects on fish migration" on November 19 at 4:40 p.m. There is even a paper on "Light pollution: should we be worried?" by P. Mitchell on November 20 at 5 p.m. Other papers discuss such things as annual and daily rhythms in animals, the nature of animal navigation and migration in species as various as sea turtles, coral reef fishes, blood parasites, tropical birds and evolving animals in the age of dinosaurs. There will also be major papers presented. On November 14 at 4 p.m., Michael Menaker of the University of Texas at Austin will give a paper and lead a discussion on "The Pineal and circadian rhythms in birds." Thomas R.C. Sisson of Temple University will conduct a seminar on November 21 at 2:15 p.m. on "Photobiology in medicine." On the same day at 4 p.m., J.A.C. Nicol of the University of Texas Marine Science Institute will deliver a paper on "Reflectors and their role in vision." All papers and seminars will be held in CW 410 Biological Sciences Building.

On November 21, a more permanent memorial to William Rowan will be established. With J.R. Nursall, Chairman of the Department of Zoology presiding, and with William Rowan's wife, Reta, as an honored guest, CW 306 Biological Sciences Building will be designated as the Rowan Memorial Laboratory. It will serve as a reminder to students of the contribution and achievement of the first chairman of Zoology, William Rowan.

MATT COHEN, WRITER-IN-RESIDENCE

This year the Department of English has set aside funds in order to hire its first writer-in-residence, and, as a result, Matt Cohen is now on campus. He sees his employment enabling him to assist other writers with problems and discuss his and other Canadian works with students and the public. He will be giving a number of readings, one at Grant MacEwan College, Cromdale Campus, on November 26. As well, he will be paid to write.

Mr. Cohen has moved from his farm outside of Kingston to a highrise in downtown Edmonton, a transition which may seem difficult, but which is easily understood by Matt Cohen in his perception of North America as a series of dichotomies. There is, of course, this distinction between city and country. Mr. Cohen also sees the populace as either drinking, smoking, and eating their way through the quicksand of our culture, or jogging and eating health foods in an attempt to escape the mire. He does not write about the healthy people.

Matt Cohen thinks that novels in which the world of everyday is created are boring to read and imagines them boring to write. In contrast, his characters live to the extreme of life. If they drink, they start first thing in the morning; if they smoke, they chain smoke; if they hunt, they do so illegally. Mr. Cohen's characters are created, in part, by a description of their surroundings, and his descriptive passages are vivid in their detail. Yet, his style ranges from the complex, as found in *The Disinherited* where common syntax, in Matt Cohen's words, "is blown wide open," to the relatively simple, as found in *Too Bad Galahad*, a children's story for both child and adult.

Matt Cohen began writing at a time when the publishing of Canadian novels was at its height. In fact, an offer to publish was made before he had anything on the page. Now, according to Mr. Cohen, new writers are having difficulty, and he does not think that there will be an ease in the publishing business until there is a strong paperback and film industry in Canada.

In order to achieve a strong paperback industry, established writers should publish with some consistency and make themselves known to the public. Matt Cohen has supported this aim by publishing *The Wooden Hunters*, *Peach Melba*, *Johnny Crackle Sings*, *The Disinherited*, *Korsoniloff*, *Too Bad Galahad*, and *Columbus and the Fat Lady*, a collection of short stories, in the past six years. As writer-in-residence his name should become more widely known and his novels more widely read.

FOLIO

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Jeanette Rothrock, Editor

FOLIO Policy Committee: E.D. Hodgson (Professor of Educational Administration), J.W. Carmichael (Professor of Bacteriology), and Aylmer A. Ryan (Provost and Executive Assistant to the President)

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Matt Cohen, Writer-in-Residence

PEOPLE

- R.K. Wood, Professor of Chemical Engineering, presented a survey paper at the 30th Annual Instrument Society of America Conference which was held in Milwaukee, Wisconsin.
- G. Fitzsimmons, Assistant Professor of Educational Psychology, recently conducted a Legislative Review Seminar for the Psychologists Association of Alberta. The participants provided suggestions for improving a new draft of the Psychologists Act.
- Einer Boberg, Chairman of the Division of Speech Pathology and Audiology, presented a paper at the Ontario Speech and Hearing Convention and received the Founder's Award for the best contributed paper.
- Bruce Bain, Assistant Professor of Educational Psychology, addressed the Home and School Association of Rio Terrace Elementary School on "Alternatives in early childhood education."
- L.C. Green, University Professor, attended the Ottawa Conference of the Canadian Council on International Law and was confirmed as Director of Research for a further year.

NOTICES

SELF-AWARENESS WORKSHOP

Reverend Philip Karl Eidmann of the Buddhist Church of America, San Francisco, will conduct a self-awareness workshop entitled "A Taste of Shin" on Saturday, November 8 from 10 a.m. to 4 p.m. at the Belgravia Community Centre, 11542 73 Avenue. There

is no admission charge. Participants are asked to bring their own lunch. Dr. Eidmann, who is the highest ranking Shin clergyman in North America, will also give the Sunday service from 10:30 a.m. to 12 noon on November 9 at the Belgravia Community Centre. Everyone is invited to attend. For more information, call 432-3489 or 436-2582.

STUDENT LOANS DURING MAIL STRIKE

The Students' Finance Board of Alberta has made arrangements to forward loan certificates by special courier to educational institutions throughout the province where students expecting loans can pick them up at the Student Awards or Registrar's Office.

FAMILY RELATIONS FALL WORKSHOP

The Alberta Association on Family Relations is an organization through which members of various disciplines interested in family life might think, work, and plan together for the strengthening of marriage and family life. The association is holding its Fall Workshop on Saturday, November 15 from 9 a.m. to 4 p.m. in 219 Household Economics Building. The workshop has been planned to acquaint members with resources that exist in Alberta. The registration fee is \$6 and the group luncheon at the Faculty Club is \$4. For further information, phone Maryanne Doherty at 432-5770.

BOREAL INSTITUTE LIBRARY

The Library of the Boreal Institute for Northern Studies has acquired the *Application of Foothills Pipelines Ltd. for a Grant of Interests in Territorial Lands* with supporting material in five parts. This publication will be restricted for use in the library only. The library is located in CW 401 Biological Sciences Building. Hours of operation are from 8 a.m. to 9 p.m. Monday through Friday; closed Saturday and Sunday. For more information, please phone 432-4409.

GRAD HOUSE

The Grad House proudly presents Tacos by renowned gastronome, Carl Urion. One night only, Thursday, November 6 at 8 p.m. 11039 Saskatchewan Drive.

THIS WEEK AND NEXT

Listings must reach the Editor by 9 a.m. the Friday prior to publication. Written notification is preferred.

6 NOVEMBER, THURSDAY

Biology Seminar

4:30 p.m. "The Gallery of the horned god: animals in primitive and ancient art" by D. Davenport of the University of California,

Santa Barbara. CW 410 Biological Sciences Building.

German Film

7:30 p.m. Schiller's *Don Carlos* (Bavaria, 1957). Theatre Room, 17 Arts Building. Admission free. Sponsored by the Department of Germanic Languages.

Gallery Cinema

7:30 p.m. *The Ceremony* (Japan, 1971). The first of a four-film Japanese series. Tickets for the series are \$5; single admissions \$2. Downstairs, Edmonton Art Gallery.

Tory Lecture

8 p.m. The Friends of the University present S.M. Hodgson, Commissioner of the NWT, delivering the 1975 Henry Marshall Tory Lecture on "Developing countries on the polar seas." Open to the public; admission free.

Concert

8:15 p.m. The Edmonton Overture Concert Association presents the Jose Molina Bailes Espanol, a troupe of dancers, singers, and instrumentalists. Jubilee Auditorium. Season tickets at the Bay; adults \$15, students \$7.50, family \$37.50. Individual tickets available at the door before each concert at slightly higher prices.

7 NOVEMBER, FRIDAY

Faculty Club

Downstairs. "Buffet Canadien." Arctic char, wild rice, French Canadian tourtière, hip of beef, holubtsi, cranberry salad, and baked apple and cheese. \$5.50. Entertainment: Inez Blake. Upstairs. Lobster \$11.50. Regular dinner menu; reservations required.

Student Cinema

7 p.m. and 9:30 p.m. *Phantom of the Paradise* (United States, 1974). Directed by Brian De Palma, starring Paul Williams. Students' Union Theatre. Tickets \$1 advance or \$1.50 at the door.

Basketball

7 p.m. Golden Bears versus the University of Manitoba. Main Gymnasium.

Hockey

8:30 p.m. Golden Bears versus the University of Calgary Dinosaurs. Varsity Arena.

8 NOVEMBER, SATURDAY

Faculty Club

Downstairs. "Home Cooking." Crusty meat loaf, madeira sauce, and fruit trifle. \$3.75. Upstairs. Lobster \$11.50. Also regular dinner menu; reservations required. Entertainment: Vern Hittinger Trio.

University Concert Hall

And every Saturday. 6:45 p.m. A radio

program of music from The University of Alberta on CKUA AM and FM.

Student Cinema

7 p.m. and 9:30 p.m. *Phantom of the Paradise* (United States, 1974). Students' Union Theatre. Tickets \$1 advance or \$1.50 at the door.

Hockey

8 p.m. Golden Bears versus the University of Calgary Dinosaurs. Varsity Arena.

Edmonton Symphony Orchestra

8:30 p.m. The ESO conducted by Pierre Hétu with pianist Vasso Devetzi performs works by Beethoven, Bach, and Berkeley. Jubilee Auditorium. Tickets \$4, \$5, \$6, and \$7 from the Bay Box Office or the Symphony Box Office, phone 433-2020.

9 NOVEMBER, SUNDAY

Gallery Cinema

2 p.m. *The Love Goddesses: A History of Sex in the Cinema 1896 to 1963* (United States, 1963). First of a four-film Women in Film Series. Tickets for the series available for \$5; single admissions \$2. Downstairs, Edmonton Art Gallery.

Concert

2:30 p.m. The Edmonton Symphony Orchestra conducted by Pierre Hétu featuring pianist Vasso Devetzi performs works by Beethoven, Berkeley, and Bach. Jubilee Auditorium. Tickets from the Bay or the Symphony Box Office, phone 433-2020.

'In Touch with U'

And every Sunday. 3 p.m. A program to introduce the University to the community at large. CITV channel 13, cable 8.

Student Cinema

7 p.m. and 9:30 p.m. *Phantom of the Paradise* (United States, 1974). Students' Union Theatre. Tickets \$1 advance or \$1.50 at the door.

10 NOVEMBER, MONDAY

Civilisation Series (7)

12 noon. Kenneth Clark's *Counter-Reformation* is being shown in AV L-1, Humanities Centre. Repeat showing at 3 p.m. in AV L-3.

Light and Animal Life

4 p.m. "The scope of photobiology" by J.K. Lauber.

4:20 p.m. "Questions about light as an ecological factor in high latitudes" by W.A. Fuller.

4:40 p.m. "Light alteration caused by snow and its importance to subnivean rodents" by L.N. Evernden.

5 p.m. "Photoperiod, continental drift and mesozoic migration" by R.C. Fox. All held in CW 410 Biological Sciences Building.

Public Lecture

8 p.m. Wilson Bryan Key, author of *Subliminal-Seduction: Ad Medias Manipulation of a not so Innocent America*, will present a lecture and slide presentation on "Consumption re: North America and the Third World." Dinwoodie Lounge. Admission free.

11 NOVEMBER, TUESDAY

Concert

8:30 p.m. Gino Vanelli in concert with special guest Ron Douglas. Students' Union Theatre. Students \$4.50 and non-students \$5.50. Tickets available at all Bay outlets, Mike's, and the Students' Union Box Office in HUB Mall.

12 NOVEMBER, WEDNESDAY

Light and Animal Life

4 p.m. "Biochemistry of vision" by D.D. Beatty.

4:20 p.m. "Infrared radiation perception in insects" by G. Evans of the Department of Entomology.

4:40 p.m. "Some aspects of insect vision" by J. Kuster of the Department of Entomology.

5 p.m. "Biological effects of microwave radiation" by P. Fisher. All held in CW 410 Biological Sciences Building.

Faculty Club

Downstairs. "Family Night: Video Capers." Hamburgers, hotdogs, french fries, and goopcake. Adults \$2.85 and children \$1.50. Entertainment: "Children, see yourselves on TV!"

Student Cinema

7 p.m. and 9:30 p.m. *Antonia* (United States, 1974). Directed by Judy Collins and Jill Gadmilow. Students' Union Theatre. Tickets \$1 advance or \$1.50 at the door.

Library Lecture Series

7:30 p.m. "World Agriculture" by Dobson Lea, President of UNIFARM. Music Room, Centennial Library. Admission free.

Edmonton Film Society

8 p.m. *Force of Evil* (United States, 1948). Part of the Film Noir Thriller series. Tory Lecture Theatre. Series tickets available at the door.

13 NOVEMBER, THURSDAY

Light and Animal Life

4 p.m. "Behavioral reactions to light" by A.L. Steiner.

4:20 p.m. "Light and hibernation" by L. Wang.

4:40 p.m. "Circadian rhythms and activity" by W.C. Mackay.

5 p.m. "Effects of light on zooplankton migration patterns" by D.N. Gallup. All held in CW 410 Biological Sciences Building.

Gallery Cinema

7:30 p.m. *A Page of Madness* (Japan, 1926) with short feature *Essay on Japanese Music*. Downstairs, Edmonton Art Gallery. Admission \$2.

14 NOVEMBER, FRIDAY

Light and Animal Life

4 p.m. Michael Menaker of the University of Texas at Austin will conduct a seminar entitled "The Pineal and circadian rhythms in birds" in CW 410 Biological Sciences Building. Coffee will be served at 3:30 p.m.

Faculty Club

Downstairs. Steaks, baked potato, and salad buffet. \$5.50.

Upstairs. "Anniversary Ball." Chicken marmite, smoked salmon, caesar salad, tournedos rossini, bouquetière légumes, and cherry soufflé, plus wines, Vino di Verona and Donini Rosso. \$12.50. Entertainment: Sound Investment. Please pick up your tickets at the Faculty Club Office. No regular dining upstairs.

Basketball

6:30 p.m. Pandas versus the University of British Columbia.

8:30 p.m. Bears versus the University of British Columbia. Main Gymnasium.

Gallery Cinema

7:30 p.m. *Soleil O* (Mauritania, 1972). Downstairs, Edmonton Art Gallery. Admission \$2.

Dance

8:30 p.m. The Toronto Dance Theatre performs at the Students' Union Theatre in SUB. Students \$3, non-students \$4; tickets available from all Bay outlets and from the Students' Union Box Office in HUB Mall.

15 NOVEMBER, SATURDAY

Fencing

Wetterberg Open Fencing Tournament. West Gymnasium.

Faculty Club

Downstairs. "Sadie Hawkins Day." Fresh water fish with french fries, tartar sauce, and cheese-make. \$3.25.

Upstairs. Regular dinner menu; reservations required. Entertainment: Vern Hittinger Trio.

Basketball

6:30 p.m. Pandas versus the University of British Columbia.

8:30 p.m. Bears versus the University of British Columbia. Main Gymnasium.

Dance

8:30 p.m. The Toronto Dance Theatre performs at the Students' Union Theatre in SUB. Students \$3, non-students \$4. Tickets available from all Bay outlets and from the Students' Union Box Office.

EXHIBITIONS AND PLAYS

Theatre 3

Until 15 November. A Doll's House by Henrik Ibsen, directed by Mark Schoenberg, starring Judith Mabey and Holte Davidson. Curtain times Tuesday through Saturday at 8:30 p.m.; Sunday performances at 2 p.m. and 7:30 p.m. Centennial Library Theatre. Tickets available at all Bay outlets, from Theatre 3 at 426-6870, and from the Students' Union Box Office in HUB Mall.

Citadel Theatre

Until 29 November. Dear Liar by Jerome Kilty. Starring Dame Peggy Ashcroft and John Neville. Curtain times Tuesday through Saturday at 8:30 p.m.; Sunday performances at 2:30 p.m. and 7:30 p.m. Tickets available from the Citadel Box Office, phone 424-2828.

Northern Light Theatre

Until 14 November. The Typists by Murray Schisgal, a comedy set in a modern office. Curtain times Monday through Friday at 12:10 p.m. with extra performances on Thursday and Friday at 1:10 p.m. Art Gallery Theatre. Admission \$1.50.

Edmonton Art Gallery

8 November to 1 December. "Art Deco," an exhibition of furniture and decorations in Art Deco, a modern streamline style which is the beginning of functionalism in design.

8 November to 8 December. "Sculpture by John Weaver," a display of large and small works on western themes by the artist who sculpted "The Stake" and "The Pronghorns" at the Provincial Museum.

Provincial Museum

Until 17 November. "Canadian Nature Art 1975," an exhibit of 41 Canadian landscape painters such as J.F. Lansdowne, Martin Glen Loates, and Clarence Tilenius.

Until 30 November. "North from Blatchford Field," an exhibition of photographs, engines, flight jackets, and equipment tracing the history of Edmonton's Industrial Airport. Feature Gallery 2.

Until 30 November. "The Decorative Arts of West Africa," a selection of decorative arts including carved wooden headdresses, masks, and items of bronze and earthenware. Feature Gallery 1.

Until 4 January. "Athapaskans," an exhibition of costumes, snowshoes, hunting and fishing equipment of the Chipewyan, Dogrib, Beaver, and other tribes. Feature Gallery 3.

Continuing. "Documentary Heritage," a long-term exhibition displaying valuable manuscripts and documents in the Provincial Archives of Alberta. Archives Gallery.

Centennial Library

Until 30 November. A one-man show of paintings by Margaret Mooney. Foyer Gallery.

Liturgical Banner Exhibit

7 November to 30 November. An exhibit of thirty prize-winning liturgical banners from the Centennial Banner Competition of the Presbyterian Church in Canada will be shown in St. Timothy's Anglican Church, 145 Street and 84 Avenue. Saturday and Sunday from 10 a.m. to 3 p.m.; group showings available by phoning 488-6143. Admission free.

NON-CREDIT COURSES

RADIATION SAFETY COURSES

The Radiation Control Committee is planning to hold another series of Radiation Safety Courses for individuals using, or planning to use, radioactive materials at the University of Alberta. These courses are designed to give individuals, primarily at the technician level, some basic training in the safe use of radioactive materials in the laboratory. However, graduate students, faculty members and other interested individuals are welcome.

The next course is scheduled to begin on November 24th. Individuals interested in attending a course can obtain registration forms from the Radiation Control Office by telephoning 432-5655. There will be a fee of \$1 per course participant to cover the cost of training manuals.

GRADUATE SCHOLARSHIPS AND AWARDS

All enquiries on the following should be directed to L. Henderson, Administrator of Student Awards, 219 Central Academic Building.

National Research Council Graduate Scholarship
Value: \$5,000. *Duration:* one year; renewable in most cases. *Where tenable:* primarily in Canada. *Field of study:* Science and Engineering. *Level of study:* Master, PhD. *Number:* variable. *Conditions:* must be admissible to a graduate degree program. *Closing date:* in departments prior to November 14.

POSITIONS VACANT

NON-ACADEMIC STAFF

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, third floor, SUB, telephone 432-5201. Please do not contact the department directly.

Clerk Typist II (\$505-\$627)—Computing Services (Operations); Extension; Music; English; Faculty of Graduate Studies and Research

Clerk Typist II (trust) (\$505-\$627)—Pediatrics
Clerk Typist III (\$576-\$713)—School of Library Science; Political Science; Industrial and Vocational Education
Clerk Steno II (\$527-\$653)—Extension; Mechanical Engineering
Clerk Steno III (\$599-\$744)—Physics
Medical Steno (\$653-\$814)—Pediatrics
Secretary (\$683-\$853)—Pediatrics; Division of Field Experiences
Timetable Scheduling Clerk (\$576-\$713)—Office of the Registrar
Bookkeeper II (\$599-\$744)—Physical Plant
Bookstore Cashier (\$505-\$627)—Bookstore
Duplicating Operator I (\$505-\$627)—Extension
Student Record Processing Clerk (\$627-\$779)—Faculty of Arts
MT/ST Operator I (\$551-\$683)—Sociology
Data Entry Operator II (\$653-\$814)—Rural Economy
Technician I (\$713-\$891)—Pharmacy; Geology; Immunology; Household Economics
Dental Technician I (\$744-\$932)—Dentistry
Dental Technician II-IV (\$932-\$1,543)—Dentistry
Programmer I (trust) (\$744-\$932)—R.S. McLaughlin Examination and Research Centre
Assistant to the Associate Registrar (\$1,118-\$1,406)—Office of the Registrar
Computer Operator I (\$744-\$932)—Computing Services
Storeman I (4/5 time) (\$432-\$576)—Art and Design
Ice Rink Attendant (\$653-\$814)—Physical Education
Technical/Administrative Assistant (\$853-\$1,068)—Romance Languages
Electronics Technician III (\$975-\$1,225)—Physics
Technician II (\$814-\$1,020)—Mineral Engineering
Technician III (\$932-\$1,171)—Mineral Engineering
Machinist Technician III (\$975-\$1,225)—Chemical Engineering
Laboratory Assistant I (\$467-\$576)—Pharmacology

The following is a list of currently available positions in the University Library. The bulletin board postings in the Library Personnel Office, 516 Cameron Library, should be consulted for further information as to position requirements and availability.

Library Clerk II (\$527-\$653)—Acquisitions
Library Clerk III (\$576-\$713)—Cataloguing

OFF-CAMPUS POSITIONS

Senior Analyst (Fiscal)

Academic Planning/University of British Columbia
Duties: To analyze problem situations and prepare reports for senior staff with particular emphasis on academic program costs. *Qualifications:* candidates should have a BSc in Science or Commerce with three to five years experience and good analytical ability. *Salary:* \$14,796-\$20,904 per annum. Direct replies to Ron Bell, Personnel Officer or William L. Tetlow, Director of Academic Planning, University of British Columbia. Interested applicants may call 1-604-228-5881 during the mail strike.

Further information about the following positions may be obtained from Canada Manpower, fourth floor Students' Union Building, telephone 432-4291.

Senior Planner

Planning Department/City of Saskatoon

Duties: advanced feasibility studies, formation of new concepts, drafting new legislation, presentation of recommendations and related work. *Qualifications:* a university graduate with a degree in Planning or a related field, and a minimum of five years' planning experience is desirable, of which two years should be in a responsible capacity. Ability for original and conceptual thinking is essential as is the ability to develop and maintain liaison and a professional working relationship with other planners, engineers, architects,

consultants, and specialists. Candidates should have or be eligible for membership in the Canadian Institute of Planners. **Salary:** up to \$21,075 with appointment at a level commensurate with qualifications and a full range of employee benefits. Detailed resumes may be forwarded to the Employment Officer, Personnel Department, City Hall Saskatoon, Saskatchewan S7K 0J5.

Superintendent of Schools County of Newell

Duties: Candidates must possess or be eligible for Alberta certification, have successful experience as a teacher and administrator and have pursued at least one year of acceptable graduate studies in Education. Date of commencement of studies, salary and other conditions are negotiable. Apply in writing with names and addresses of references to the Selection Committee, County of Newell No. 4, Box 158, Brooks, Alberta. Deadline date is November 30, 1975.

Receptionist Students' Union

A receptionist is required for the general office of the Students' Union. Duties include typing and answering multi-line telephone. Salary range is \$558-\$642. Apply to Sharon Roper, 256 Students' Union Building.

PERSONAL NOTICES

All advertisements must be received by 9 a.m. the Friday prior to publication. Rate is 15 cents per word for the first week, and 5 cents per word for subsequent weeks ordered before the next deadline. Minimum charge is \$1. Ads must be paid in advance. We regret that no ads can be taken over the telephone. For order forms or further information, telephone 432-4991.

Accommodation available

Thinking of selling your home? Today's real estate market fluctuates. Make sure you receive top value. Call a professional. Call Ross Lizotte, Buxton Real Estate Ltd., 436-1140, 426-5880, extension 990.

Saskatchewan River view. 3½ acres, four bedrooms, living and family room, round fireplace; broadloom throughout; patio, attached garage and terrace. Immediate possession. 11 miles from Whitemud Freeway. \$95,000. 487-9156.

For sale—Close to University, executive home in treed park-like setting. Three bedrooms, den, family room, games room, two bathrooms, two large wood-burning fireplaces, double front drive garage, good garden area and privacy. Principals only. 7125 119 Street. 436-4882.

For sale—Lendrum, four bedrooms, 1,600 feet plus basement den, family room, laundry. Renovated; two fireplaces, new carpet. Three-car garage. Many extras. 434-6845.

For rent—Deluxe new condominiums, St. Albert. Three bedrooms, fireplace, attached garage; dishwasher-garberator; no other appliances. \$400/month. Possession from November 15. Call 433-3782.

Accommodation wanted

Wanted to rent—from December 1, small self-contained apartment by female staff member completing commitment following husband's transfer. Phone 432-7925 after six.

Wanted—Two-bedroom apartment, December 1. Phone: business 427-2286, residence 436-0397.

Automobiles and accessories

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